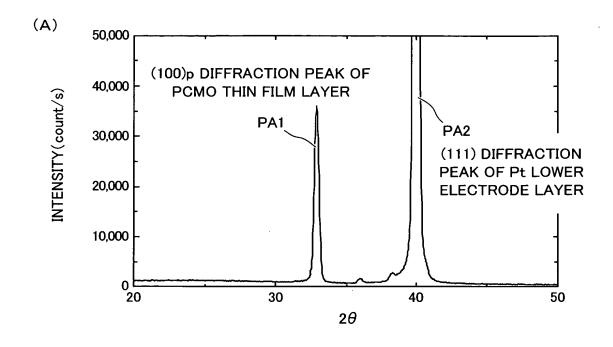


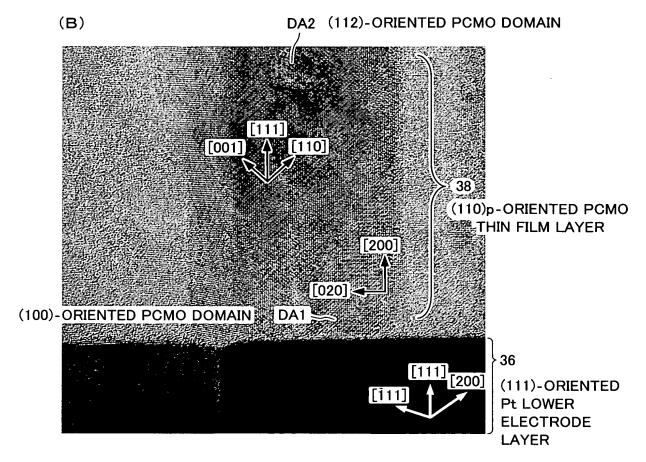
-30 Si SUBSTRATE

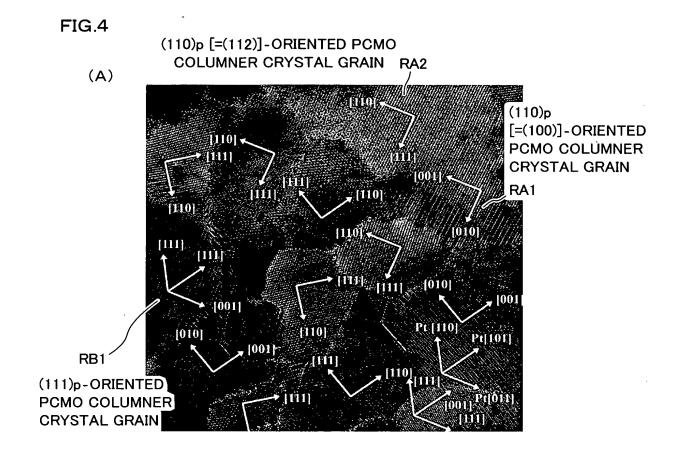
-32 SiO₂ LAYER

34 TiO₂ LAYER

FIG.3







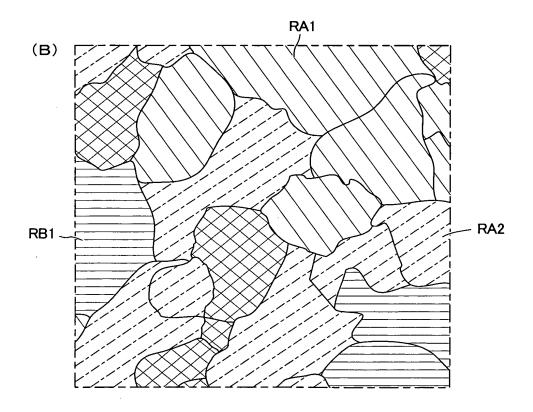
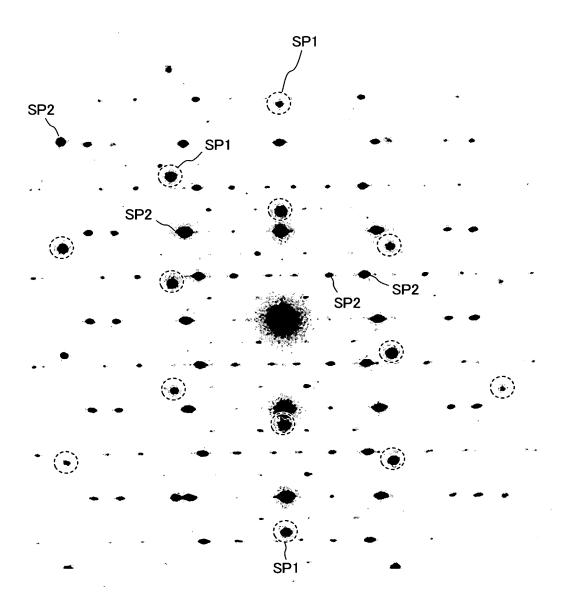


FIG.5



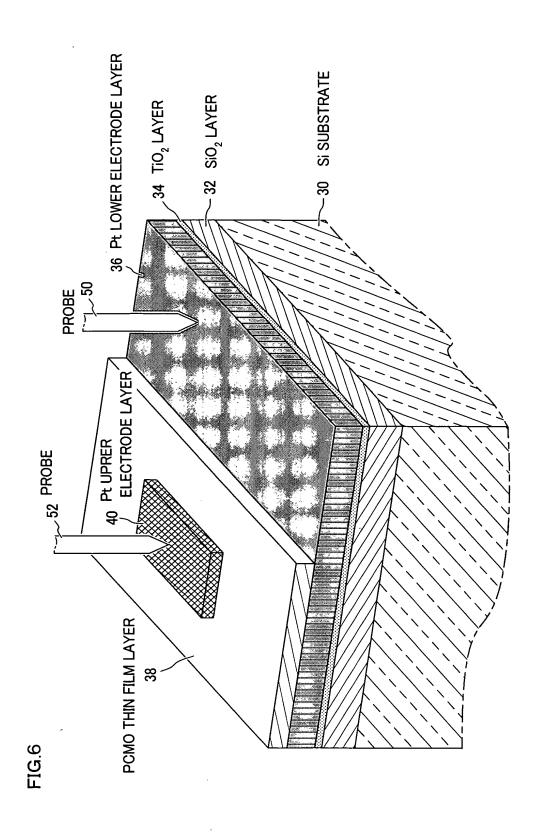


FIG.7

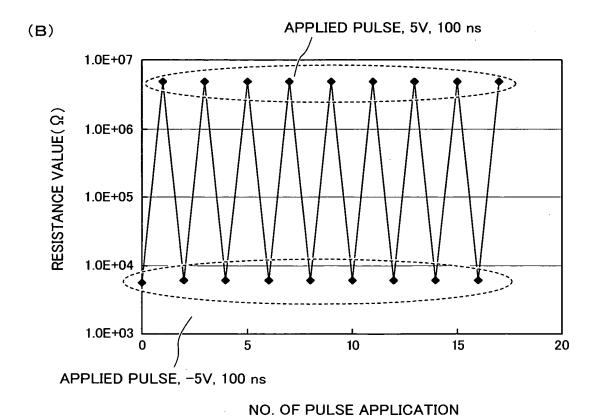
(A)

1.0E+07

APPLIED PULSE
DURATION: 100 ns

1.0E+03
0
2
4
6
8

APPLIED PULSE VOLTAGE (V)



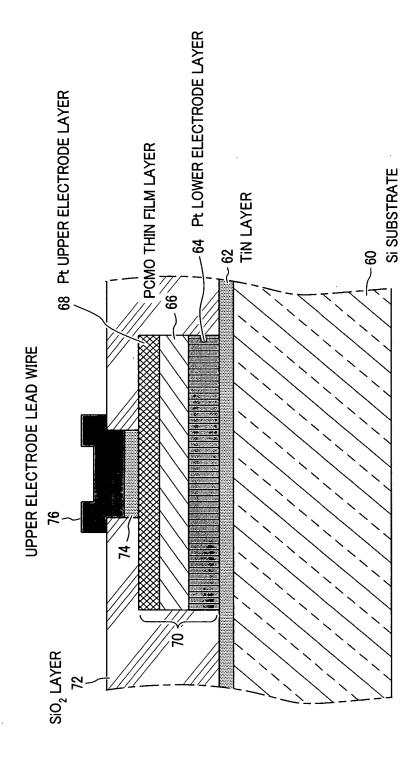
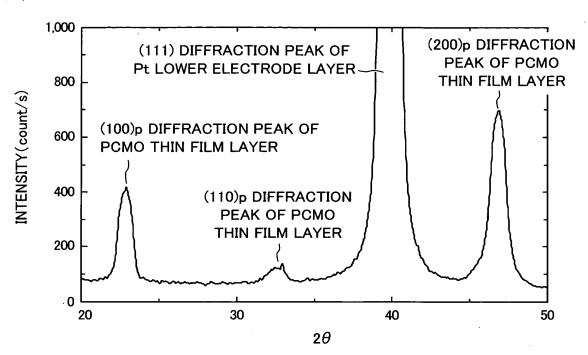
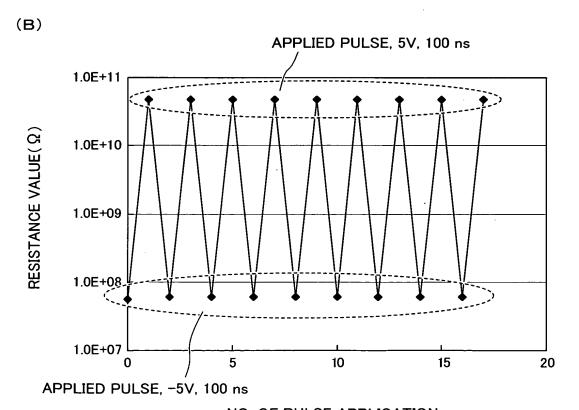


FIG.9

(A)





NO. OF PULSE APPLICATION

FIG.10

